

Marshall Space Flight Center

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Director for Center Operations
May 4, 2017

National Aeronautics and
Space Administration



MARSHALL
SPACE FLIGHT CENTER

Three Key Take-Aways:

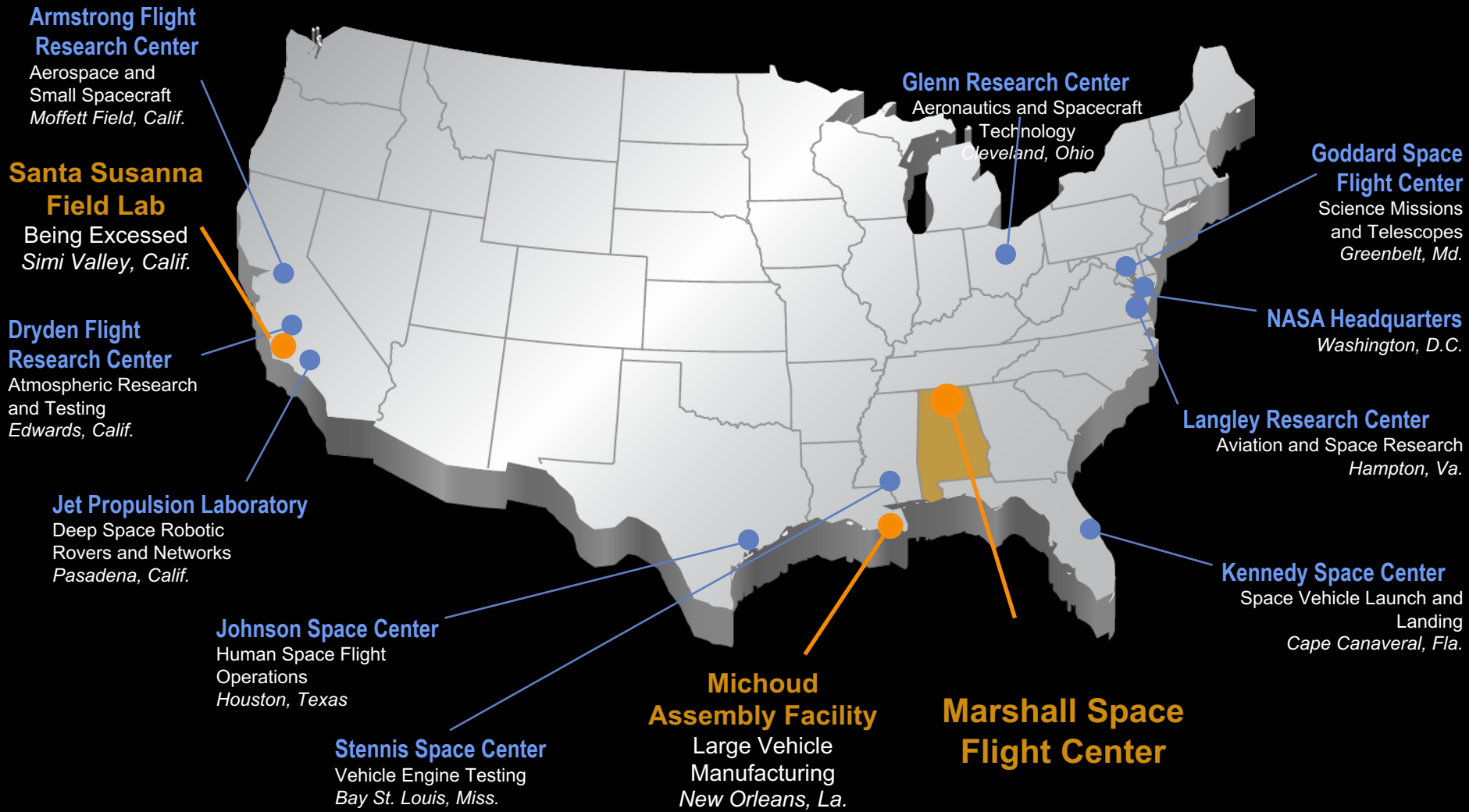
- One of ten Centers
- We have Three Main Mission Areas
- We Provide Benefits back to Earth

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10 NASA Centers



Mission Area:

Traveling To and Through Space

Space Launch System (SLS)

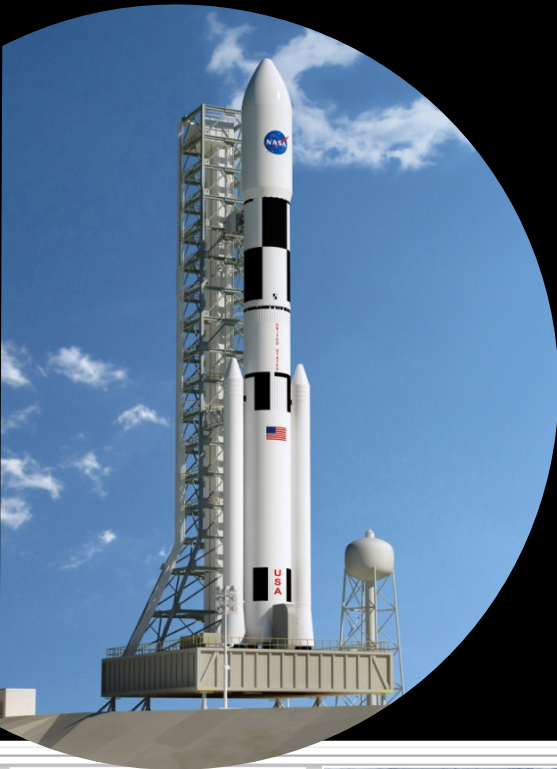
America's next human-rated heavy-lift rocket – safe, affordable, and sustainable for beyond Earth orbit exploration

Commercial Spaceflight

Partnering for success – sharing facilities and expertise

Research for the Future

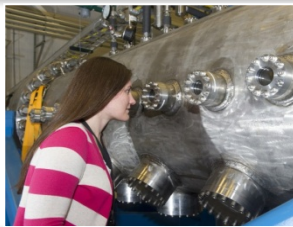
New fuels, new manufacturing and test methods, and advanced concepts



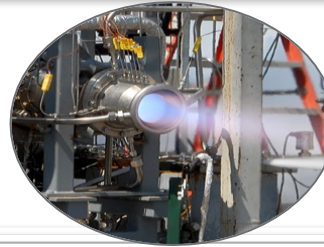
Launching SLS
in 2018



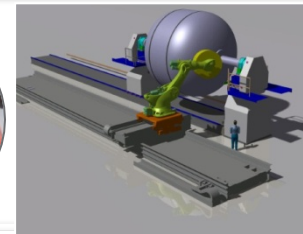
Supporting
Commercial
Spaceflight



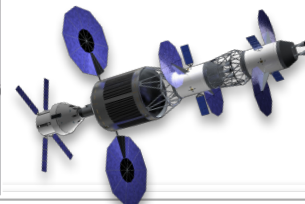
Affordable Testing
for Nuclear Fuel
Prototypes



Methane Engine
Testing



In-space Cryogenic
Fuel Storage
Concept



Deep Space
Concepts

Mission Area: Living and Working in Space



Lab Training
Complex



Payload Operations
Center



ECLSS testing
at Marshall



Microgravity
Science Glovebox

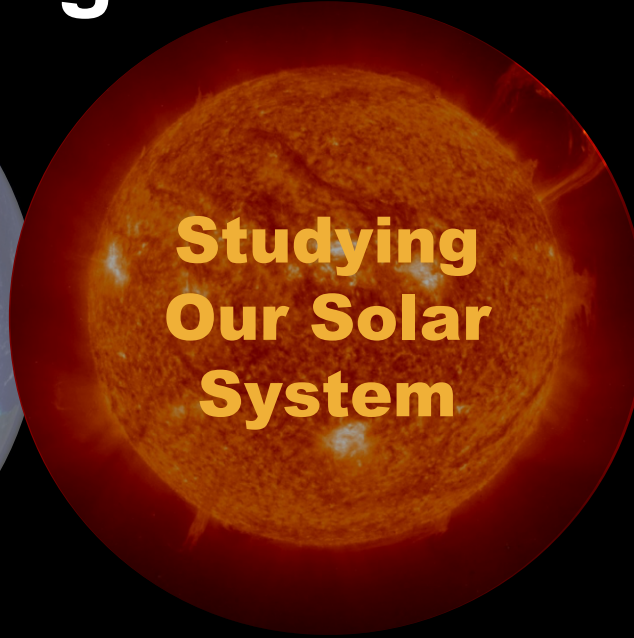


ISS U.S. Destiny
Lab

Mission Area: Understanding Our World and Beyond



**Observing
Earth**



**Studying
Our Solar
System**



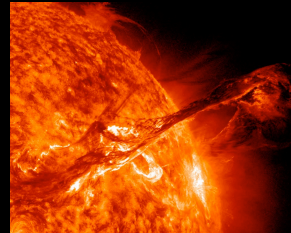
**Exploring
Our
Universe**



Weather & Climate
Monitoring



SERVIR



Solar Dynamic
Observatory



Discovery &
New Frontiers



Chandra



James Webb
Space Telescope



We provide benefits back to Earth

Space technology
for newborns



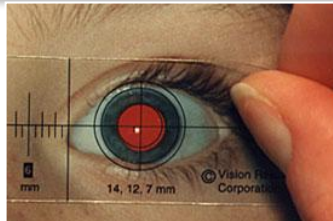
Weather & Climate
Monitoring



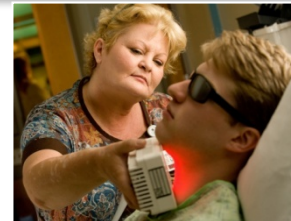
High-pressure fire
hose nozzles



Kevlar™ Body
Armor



Improving Vision
Screening



Healing
Treatments



Water Filtration
Systems

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